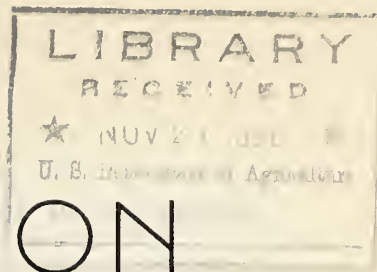


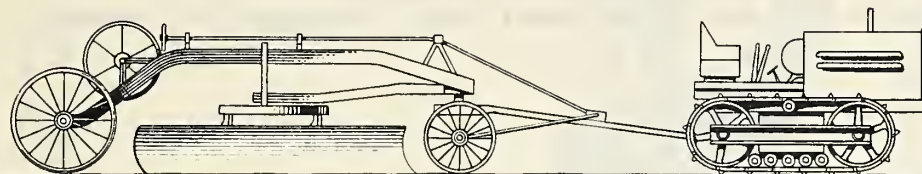
## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.





# CONSTRUCTION



## HINTS

UNITED STATES DEPARTMENT OF AGRICULTURE, FOREST SERVICE

WASHINGTON, D. C.

Vol. 2

November 28, 1936

No. 22

Submitted by Mechanic Carl England and Foreman R. Roubal

Ottawa National Forest - Region Nine

### BRANDING IRONS

4



The letters F. S. P. and figures 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and - were fashioned of  $\frac{1}{4}$ " iron rod salvaged from condemned truck brake rods. The letters and figures are  $1\frac{1}{2}$ " wide and  $2\frac{1}{4}$ " high. A handle is welded to each figure and is bent down about 5" from the figure for convenience in handling when hot. The figure 6 is reversible and can be used to form a figure 9.

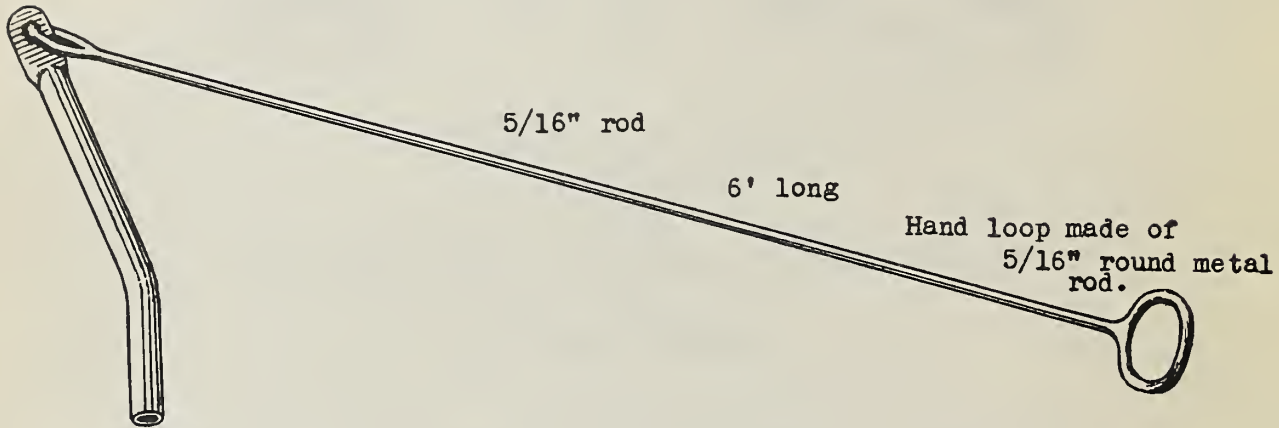
### COST

Labor	\$ 5.56
Welding Material	<u>1.00</u>
Total cost (13 stamps)	\$ 6.56

(over)

SAFETY DEVICE FOR DUMPING TRUCKS FROM SEAT OF TRUCK CAB.

Made up by Camp Blacksmith  
In use by the Salt Ash State Forest Camp, Cuttingsville, Vermont



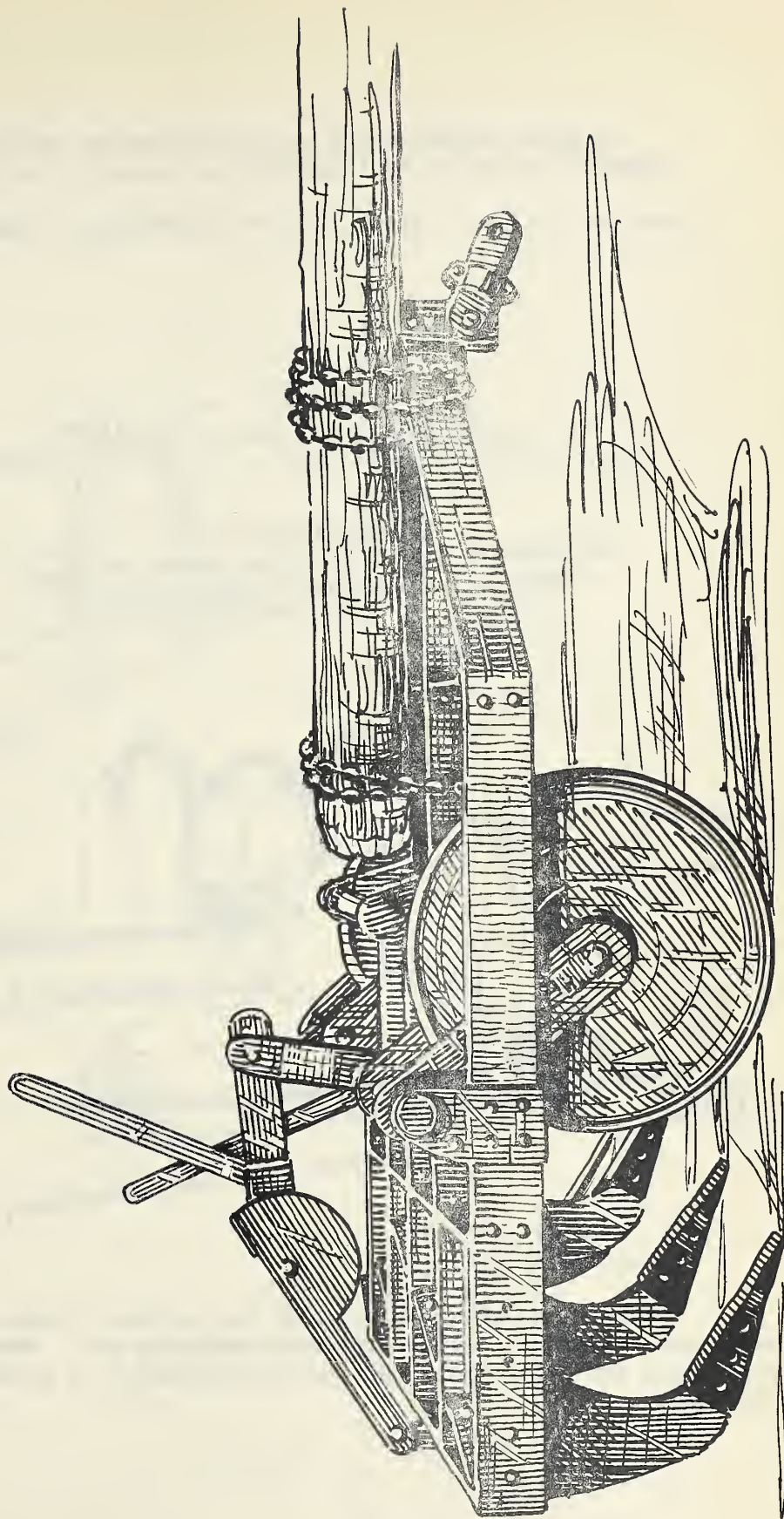
Safety regulations prohibit standing on the running board while the truck is in motion and this device enables a man to dump the truck while seated in the cab of the truck.

Piece of 1" pipe about 16" long flattened at one end with hole drilled for ring. Slips over handle of dumping lever on front end of dump truck body. Dump lever should be changed to right side of body to be controlled by the dumping man not driver of truck. If this pipe is bent backward a little it will not slip off lever handle.

# EASY METHOD OF HANDLING HEAVY RIPPER BETWEEN FLATCAR AND TRUCK

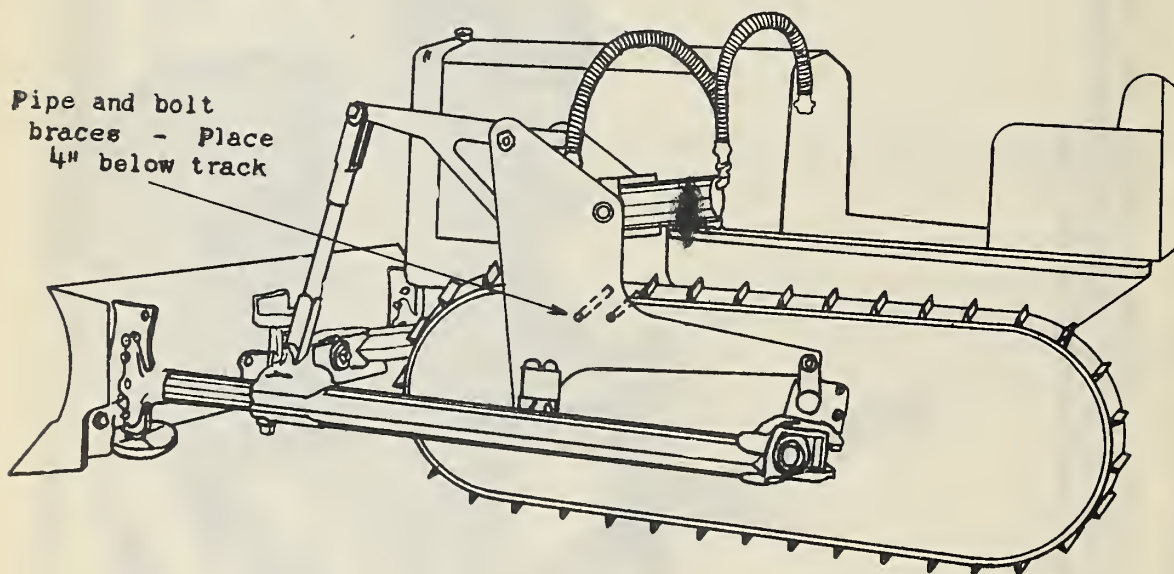
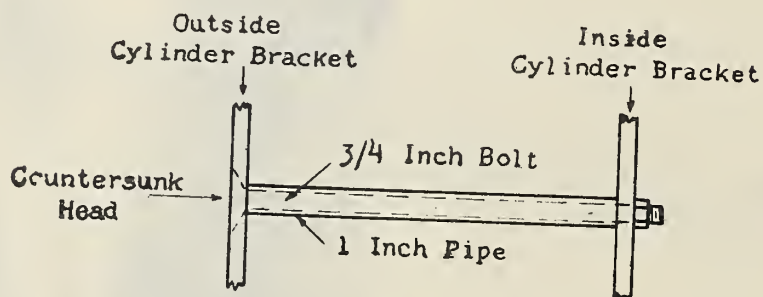
Submitted by Ranger C. R. Byers of the Kootenai, Region One

Attach pole, 25' x 5" top, to form a tongue. Use light binding chain and chain tightener. Crank ripper to elevate tongue. Two men on end of tongue can clear teeth. A man with crow bar on each wheel can move ripper easily. Try this and save heaving and swearing.

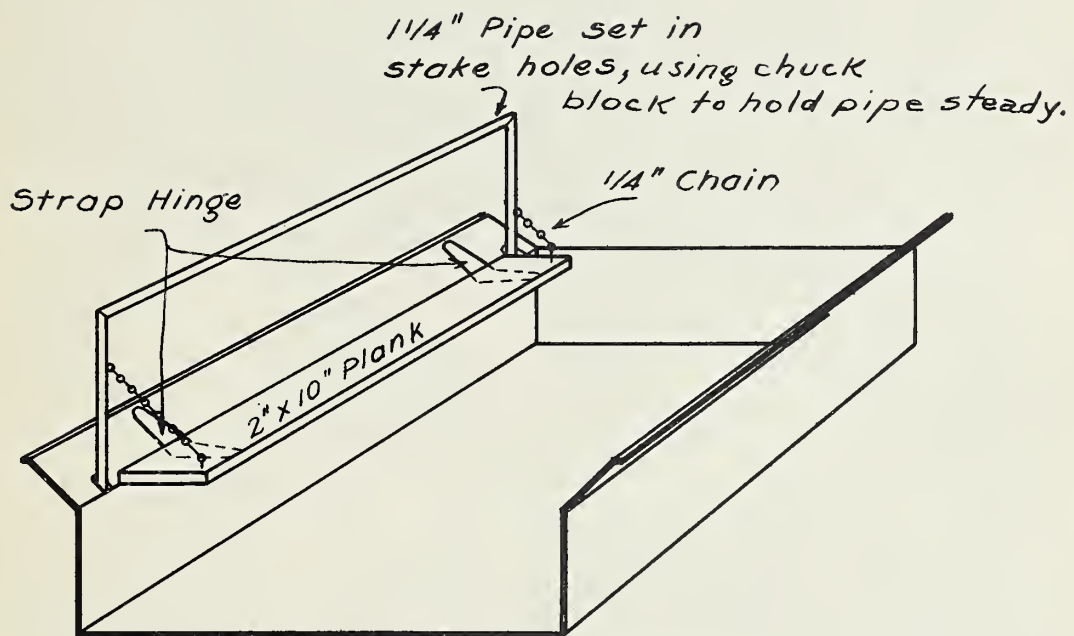


CYLINDER BRACKET BRACE FOR LAPLANT-CHOATE TRAILBUILLER  
MOUNTED ON "35" OR "50" CATERPILLAR TRACTOR - 1935 SERIES.

Submitted by L. P. Larsen, Supervising Mechanic, Region Four



Due to vibration and weaving of the cylinder brackets, trouble has been experienced with the bracket bolts shearing off. Braces, consisting of 2-1" pipes and 2-3/4" bolts have proved successful in eliminating this trouble.



FOLDING SEAT FOR PICKUP - R4.

Submitted by L. P. Larsen,  
Supervising Mechanic,  
Region Four.

